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FULBRIGHT & JAWORSKI L.L.P.
A REGISTERED LIMITED LIABILITY PARTNERSHIP
600 CONGRESS AVENUE, SUITE 2400
AUSTIN, TEXAS 78701-3271
WWW.FULBRIGHT.COM

MBARRETT@FULBRIGHT.COM
DIRECT DIAL: (512) 536-3018

TELEPHONE: (512) 474-5201
FACSIMILE: (512) 536-4598

July 14, 2004

CERTIFICATE OF MAILING
37 C.F.R 1.8

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July 14, 2004

Date

Michael C. Barrett
Michael C. Barrett

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/811,069 entitled "A METHOD AND SYSTEM FOR IMPROVED IMAGE RECONSTRUCTION AND DATA COLLECTION FOR COMPTON CAMERAS" – Bruce Douglas Smith*
Our reference: UTSJ:045US
Client reference: UT/SA:045

Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references A1 and C1-C9.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/UTSJ:045US.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

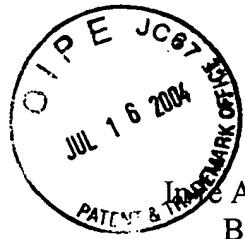
Respectfully submitted,

Michael C. Barrett

Michael C. Barrett
Reg. No. 44,523

MCB/kmv
Encl.: as noted

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
Bruce Douglas Smith

Serial No.: 10/811,069

Filed: March 26, 2004

For: A METHOD AND SYSTEM FOR
IMPROVED IMAGE
RECONSTRUCTION AND DATA
COLLECTION FOR COMPTON
CAMERAS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: UTSJ:045US

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Date

Michael C. Barrett

Michael C. Barrett

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be 25425885.1

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/UTSJ:045US.

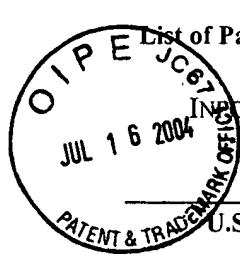
Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,


Michael C. Barrett
Reg. No. 44,523
Attorney for Applicant

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: July 14, 2004



Form PTO-1449 (modified)

Atty. Docket No. UTSJ:045US Serial No. 10/811,069

Applicant
Bruce Douglas SmithFiling Date:
March 26, 2004 Group:
UnknownU.S. Patent Documents
*See Page 1*Foreign Patent Documents
*See Page 1*Other Art
*See Page 1***U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,861,627	1/19/99	Basko <i>et al.</i>	250	363.04	6/24/97

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Basko <i>et al.</i> , "Application of spherical harmonies to image reconstruction for the Compton camera," <i>Phys. Med. Biol.</i> , 43:887-894, 1998.
	C2	Cree and Bones, "Towards direct reconstruction from a gamma camera based on Compton scattering," 13(2):398-407, 1994.
	C3	Evans <i>et al.</i> , "Deconvolution of shift-variant broadening for Compton scatter imaging," <i>Nuclear Instruments and Methods in Physics Research A</i> , 422:661-666, 1999.
	C4	Horn, "Density reconstruction using arbitrary ray-sampling schemes," <i>Proc. IEEE</i> , 66(5):551-562, 1978.
	C5	Sauve <i>et al.</i> , "3D image reconstruction for a Compton SPECT camera model," <i>IEEE Transactions on Nuclear Science</i> , 46(6):2075-2084, 1999.
	C6	Smith <i>et al.</i> , "Practical and mathematical aspects of the problem of reconstructing objects from radiographs," <i>Bull. Amer. Math. Soc.</i> , 83:1227-1270, 1977.
	C7	Smith, "Computer-aided tomography imaging from cone-beam data," Ph.D. Thesis, University of Rhode Island, 1987.
	C8	Smith, "Cone-beam tomography: recent advances and a tutorial review," <i>Optical Engineering</i> , 29(5):524-534, 1990.
	C9	Smith, "Image reconstruction from cone-beam projections: necessary and sufficient conditions and reconstruction methods," <i>IEEE Transactions on Medical Imaging</i> , MI-4:14-28, 1985.

25418148.1

EXAMINER:

DATE CONSIDERED:

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